



NWIRP BETHPAGE PROGRESS UPDATE
NWIRP BETHPAGE, NEW YORK
ACTIVITY PERIOD: APRIL 2016

1. Summary and Progress

- Continue operation of NYAW permanent GAC system
- Preparing access agreements for monitoring wells and outpost monitoring wells
- Continued operation of GM-38 Treatment System and Site 1 SVE Containment System
- Internal Navy Review of the Site 1 FS Addendum
- Site 4 Treatability Study Summary Report submitted; preparing Internal Draft 30% design
- Internal review of 2015 LTM Analysis for Navy-owned wells
- Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume
- Monitor and analyze data logger data for outpost wells for South Farmingdale, and Massapequa Water Districts to confirm hydraulic connectivity
- Monitor and analyze datalogger data from wells north of Hempstead Turnpike in association with Pilot Test for BWD well 6-2
- Continue three month capture zone analysis study at BWD Plant 6; collected air samples
- Currently drilling: VPB 167; VPB 164; VPB 161
- Complete drilling: RE129D1 (VPB163)
- Completed Phase II Radium sampling

2. Planned Activity for Next Month (May)

During the next month, the Navy anticipates performing the following:

- Continue operating the full scale GAC system at NYAW
- Monitoring and analyses datalogger data for outpost well connectivity at South Farmingdale, and Massapequa Water District outpost wells; submittal of hydraulic analysis memorandum for MWD
- Monitoring and preliminary analysis of data logger data north of Hempstead Turnpike; analysis of BWD Plant 6 hydraulic data to supplement preliminary extraction well evaluations (capture zones, depths, extraction rates)
- Preparing access agreements for VPBs and monitoring wells
- Continue operation of GM-38 Treatment System and Site 1 SVE Containment System
- Submit Site 1 FS Addendum
- Internal review of 30% design study for Site 4
- Internal review of 2015 LTM Analysis for Navy-owned wells
- Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume
- Submittal of April 2016 programmatic transducer data to USGS
- Drilling: RE133D2 (VPB167) and RE130D3 (VPB 164)
- Complete drilling: VPB164; VPB 167

3. Reports Submitted

See Table

Submittal Date	Author	Description	NYSDEC Concurrence
9/9/2015	Resolution	Abbreviated Work Plan – BWD Well 6-2 Pilot Test	3/1/2016
2/29/2016	Resolution	Treatability Study Summary Report – Site 4, NWIRP Bethpage	
3/9/2016	Resolution	Form 1 Data Packages – VPB160 (SI8451, SI8520, SI974, SI9303); VPB 163 (SJ0528, SJ690); RE126 (SJ0691) and RE131 (SJ0752	Information Only
3/19/2016	Resolution	2015 OU2 Groundwater Investigation RE121D1, RE121D2, RE121D3 (VPB155), Bethpage NY	Information Only
3/8/2016	Resolution	Reponses to BWD Plant 6 Workplan	
3/9/2016	Resolution	Form 1 Data Packages – VPB 160, VPB 163, RE126 (VPB 160), RE131(VPB 165)	Information Only
3/19/2016	Resolution	2015 OU2 Groundwater Investigation RE121D1, RE123D2, (VPB155), Bethpage NY	Information Only
3/30/2016	Resolution	BWD Plant 6 Pilot study Week March 25 sample results/	Information Only
4/6/2016	Resolution	December 2015 Groundwater Sampling Data Summary Report	Information Only
4/6/2016	Resolution	2015 OU2 Groundwater Investigation RE107D1, RE107D2, RE107D3 (VPB141), Bethpage NY	Information Only
4/6/2016	Resolution	2015 OU2 Groundwater Investigation RE114D1, RE114D2, RE114D3 (VPB148), Bethpage NY	Information Only
4/6/2016	Resolution	Form 1 Data Packages – BPOW3-4, GM73D2, RE122D1, BPOW3-2, TT-101D2, RE129D2, RE131D1	Information Only
4/26/2016	KGS	2015 Annual Operations Report, Soil Vapor Extraction Containment System, Site 1 Former Drum Marshalling Yard, NWIRP Bethpage, NY	Information Only
4/29/2016	KGS	2015 Annual Operations Report, Groundwater Treatment Plant, GM-38 Area Groundwater Remediation, NWIRP Bethpage, NY	Information Only

Bold – need NYSDEC concurrence